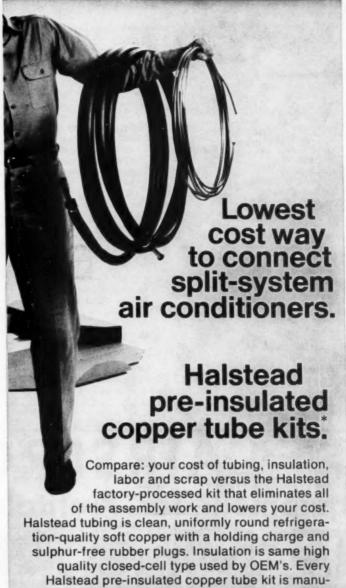
Field Born Information (FBI) By Harry Drake CM Feb-25; Mar-32 Filter, Exorcising the Ghost By Harry Drake CM ... Feb-25 Forty Years of Emphasis (RSES)-Education ... Nov-18 Friction, Battle Against Edited by Dr. R. C. Downing . Mar-28

Hard Start-Unique Technique Solves Starting Prob-.. May-26 lems .. How To Avoid An Identity Crisis By Joe Ammons CM Apr-24
Ice Makers/CommercialApr-18
Industrial/Commercial Compressors
Industrial Ventilation (Plants Are For People . . .) . . . May-18 International Headquarters (RSES)-The Nerve Center Nov-50

Lab Results Match Field Performance, Why Don't By Harold F. Farquhar . Jan-30 Leak Dectector Take Field Handling And Still Do the Job?, Can Your By A. C. JohnsonSep-33 Liquid Cooling . . . Increase Efficiency Reduce **Power Consumption** By Les Quick . Jun- 26; Jul-29 Low Temp, Ultra By Dale J. Missimer . . Dec.-18

New Products

| AC Leakage Tester Jan-15 |
|---------------------------------|
| Accessory Transformer Mar-4 |
| Air Cleaners |
| Aug-54; Sep-11 |
| Conditioners Dec-14 |
| Flow SwitchJul-7 |
| Flow Demo Dec-45 |
| Handling UnitsSep-4 |
| Ammonia Detector Sep-61; Dec-15 |
| ValvesOct-4 |
| Angle ValveNov-14 |
| Anti-Slug Device Apr-10 |
| Auto A/C Leak Detective Jun-4 |
| Bacterial Control Jul-4 |
| Belt Drive Fan Dec-43 |
| Blowdown System Aug-4 |
| By-Pass Regulator Dec-43 |
| Case Monitor Aug-4 |
| Central Humidifier Oct-7 |



factured to the highest OEM quality standards.

See your wholesaler, whose inventories are backed by 10-day maximum factory shipment from Halstead.

| Lengths: | 50' | 40' | 35′ | 30' | .25' | 20' | 15 |
|----------------------------|-------|------|------|------|------|-----|----|
| Insulation Wall Thickness: | 3/16" | 1/4" | ¾" | 1/2" | | 3 | |
| Suction Line OD: | 1/2" | 5%" | 3/4" | 7/8" | 19 | | 35 |
| Liquid Line OD: | 1/4" | %6" | 36" | | 100 | 965 | |

^{*}Available with plain ends or flare nuts.



| Centrifugal Fans Feb-8; May-4 |
|---------------------------------|
| Chart RecordersSep-11 |
| Chiller Coil |
| Clips and Straps Dec-4 |
| Coil Cleaning Kit Jan-4; Sep-11 |
| Combination Starters Nov-4 |
| |
| Compact Coolers Dec-14 |
| Computer Room A/C Jan-4 |
| Condensate Pump Feb-4; Apr-4 |
| Condensers May-4; Oct-14 |
| Condensing UnitsFeb-8; |
| Jul-4; Sep-51 |
| ContactorsNov-14 |
| Cooling Tower Filtration |
| Country Fab 0 |
| SystemFeb-8 |
| Units |
| |
| Definite Purpose Motors Sep-11 |
| Digital Troubleshooter Jun-4 |
| |
| Francoises Custom Ann 41 |
| Economizer SystemApr-41 |
| Electrical Analyzers Apr-4 |
| Electronic Air Cleaners Dec-14 |
| Furnaces Dec-15 |
| |

| Electronic Relay Sep-7 Epoxy Sealer Jun-4 Evaporator Drum Oct-4 Evaporators Jul-4 Expansion Valves Apr-10 Jun-4; Jul-7; Oct-4 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fan Coil Stat Sep-11 Fan Coil Units Sep-51 Control Centers Apr-4 Speed Control Jul-4 Flaked Ice Maker Aug-4 Flame Safeguard Oct-4 Flow Switch Sep-61 Fluidic Air Control Sep-51: Dec-43 Freezer Doors Dec-4 Frozen Food Case Dec-43 Furnaces Apr-4 |
| Gas Controls Aug-4 Furnaces Nov-14 Pressure Switches May-4 General Purpose Relay July-7 Germicidal Lamp Mar-11 |

| Heat Pipe Systems . Oct-7 Pumps Oct-11 Heavy-Duty Thermostat . Jan-4 Horizontal Furnaces . Nov-4 Hose & Couplings . Sep-7 Humidifiers Jan-4; Apr-4 Humidifier Motor . Oct-14 Treatment . Oct-4 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ice Cubers Feb-8; Nov-4 Makers Aug-54 Incinerator Control Feb-4 Industrial Compressor Feb-4 Island Merchandiser Feb-4 |
| Leakfinder Nov-14 Liquid Control Sep-11 Load Meters Sep-4 Lock-Out Control Jul-4 |
| Make-up Air Heaters Nov-4 Metal Sealer Sep-4 Metric Slide Chart Dec-45 Monitor Panel Apr-8 |

AIRSERCO

Equipment for Profitable Operation



THERMOSTAT TESTER

TESTER INSULA

INSTRUMENTS and ACCESSORIES, by AIRSERCO, cover everything for the Serviceman, Contractor, and Production Line.



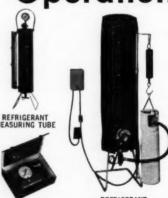


Hi-Vac TES

GAUGE

PUMP AND

VACUUM PUMPS, GAUGES and SYSTEMS, by AIRSERCO, are engineered for maximum efficiency and profitable operation.



REFRIG-1-DENT

REFRIGERANT TRANSFER SYSTEM

REFRIGERANT HANDLING and MEASURING EQUIPMENT, by AIRSERCO, is regarded as the "Standard of the Industry".

See your helpful Airserco Wholesaler, or write:

Request your personal copy of the new Airserco Catalog today!

AIRSERCO MANUFACTURING COMPANY

THE AIRSERCO BUILDING

TEST-O-METIC ANALYZER

PITTSBURGH, PA. 15213

Airserco has built more refrigeration testing equipment than any other company in the world. Needle Valves Nov-15 Overload Monitor Sep-4 Panel Insulation Jan-15 Phase Monitor Mar-4
Portable Lifts Dec-16

Heaters ... Dec-54
Pressure Switches ... Jan-14

Refrigerant Coils ...Jun-4
Refrigerant Line ...Dec-16
Recovery Jun-4
Replacement Fittings ...Apr-58

Relays Jul-4
Roll-Type Filter Feb-8
Roof Ventilators ... Jan-15; Aug-55
Rooftop Units Jan-4; Sep-61
Room Units Dec-54

Safety CapsOct-4
Scale InhibitorDec-14

Screw CompressorsApr-8;

Sediment Filter ... May-4 Self-Suspension Door ... Sep-4 Single-Pole Contactors ... Sep-58

Solenoid Valves ...Jan-15; Dec-45 Solid State ActuatorJun-6 Strip Chart Recorders ...Dec-54

Tape Insulation ... Sep-4
Test Instrument ... Dec-4
Thermistor/Amplifier ... Sep-51
Thermostats ... Apr-58
Time Delay Relays ... Aug-4; Nov-4

Timers Sep-7

Tube Benders Dec-4

Unit HeatersOct-4

Vacuum Pump Sep-4 Valves and Fittings . . Feb-4; Mar-4 Variable Volume System . . Aug-4 Ventilator Controls . . . Sep-61

Volt-Ohm-Ammeter Apr-10

Walk-In ModulesJan-14

Zone ControlSep-7 ValvesOct-11

0-P

Attack the Source Oct-27

Mar-28

. . Sep-25

Refrigeration Troubleshooting, Experience Teaches,

By Joe Ammons CM ... Dec-31

Odor Control/Counteractants

Oil-Battle Against Friction Edited by Dr. R. C.

Downing
Oil Control (Our Readers Ask

. . . Kramer Answers)

By Dan Kramer, PE ... Sep-25
Power and the Three Phase Motor
By L. H. Pope Oct-33

Sep-51; Oct-14

VesselsMay-4

| R | Refrigeration Troubleshooting, Tapping Lifetime Secrets of |
|-------------------------------------------------------------|---------------------------------------------------------------|
| RSC-Metamorphosis of Nov-40 | By Joe Ammons CM Oct-25 |
| Reach For Excellence | Retirement Plan For the Little Guy, Tax Sheltered Sep-29 |
| By Joe Ammons CM Mar-25 Readers' Point of View Feb-11; | ouy, rax bilettetet 111.50p-20 |
| May-12; Jul-8; Sep-52 Recirculatory Ammonia | |
| Refrigeration | S |
| By Tom Nielsen Jun-18 | Safety-Learn To Recognize |
| Refrigeration—Cap Tube | the Traps |
| Symposium Ru H C Saundone Feb 27 | By Eli Lieberman CM Dec-27 |
| By H. G. Saunders Feb-27 Refrigeration Courses-Reach | Screw Compressor: How |
| For Excellence | Practical Is It? By T. J. Collins and |
| By Joe Ammons CM Mar-25 | R. J. Vig Jul-31; Aug-24 |
| Refrigeration/Demand De- | Seminar, ControlsJul-18; |
| frost Control Saves | Aug-6; Sep-50 |
| EnergyJun-22 Refrigeration/Italy:Giacomo | Service/Angus Gets A Do- mestic JobNov-44 |
| Cariolata | Service (Can Your Leak De- |
| By Ivan StepnichApr-30 | tector Take Field Handling |
| RSES—Alabama State | And Still Do the Job By A. C. Johnson Sep-33 |
| AssociationJun-38 Canada Educational Confer- | Service—Cap Tube Symposium |
| enceJun-42 | By H. G. Saunders Feb-27 |
| CARSES-Cal-Poly Work- | Service Courses—Reach For |
| shop | Excellence By Joe Ammons CM Mar-28 |
| CARSES ConferenceJul-51 | Service Engineer (How To |
| CensusSep-18 | Avoid An Identity Crisis) |
| Courses—Lecture, Study, TrainingSep-38 | By Joe Ammons CM Apr-24 |
| Education-Forty Years of | Service—Hard Start Kit May-26 Service Refrigeration |
| EmphasisNov-18 | Troubleshooting |
| Empire-Keystone Associa- | By Joe Ammons |
| tion | CMOct-25; Dec-31 |
| First Forty Years Mar-38; Apr-34; May-48; Aug-38; Sep-38 | Superheat Adjustment, Acquiring the Skillful |
| Oct-46; Nov-18 | Touch For Proper |
| Friel, John, New Staff | By Darwin Grahl Aug-27 |
| MemberSep-40 | Supermarket Costs—Lowering By Ed Butts Aug-30 |
| Garden State SeminarJun-40 Heating CourseMar-39 | Supermarkets-Eliminate the |
| History ofNov-20 | 'Cold Aisle' Buying |
| Illinois/Indiana Combined | BarrierMar-18 |
| ConferenceDec-36 | |
| Information PageJan-45 | |
| International Headquarters —The Nerve Center Nov-50 | T |
| Iowa State Association Jul-40 | Tou Chaltered Detirement Plan |
| MSMC Spring Meeting Aug-40 | Tax-Sheltered Retirement Plan For the Little Guy Sep-29 |
| Michigan State Association . Jun-33 | Three Phase Motor, Power and the |
| Mid-Year MeetingAug-39 | By L. H. Pope Oct-33 |
| New England State Asso- | Troubleshooting Chart—Fan PerformanceJan-25 |
| ciation | Troubleshooting, Refrigeration |
| SAM Is Forty Years Young Aug-38 | By Joe Ammons CM Oct-25 |
| Southwestern Regional Association May-62 | |
| 35-Year MembersJun-56 | UVW |
| Training Course Graduates Oct-37 | 0-1-11 |
| 25-Year MembersJun-12 | Ultra Low Temp |
| Upper Midwest Regional | By Dale J. Missimer Dec-18 |
| Association Jul-42 | Unit Problems, Condensing |
| Volunteer State Association Jul-38 | By Art PerezFeb-16 Velocity, Air-Measurement May-40 |
| Western Internation | Ventilation, Industrial (Plants |
| Association | Are For People) May-18 |
| Refrigeration/Superheat Adjustment | Walk-In Demand Grows/Are |
| By Darwin Grahl Aug-27 | Prefabs the Best Answer? Dec-29 |
| Refrigeration Troubleshooting, | Wholesalers/'As Whole- salers Go—So Goes |

The Industry' Aug-18

salers Go-So Goes